

Substitute for form 1449 A & B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Complete if Known

Application Number	10/051,195
Confirmation Number	9676
Filing Date	January 22, 2002
First Named Inventor	Kazuaki MURANAKA
Art Unit	1723
Examiner Name	Not Yet Assigned

Attorney Docket Number Q68174

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code ² (if known)		
TC	1	US 3,083,118		03-26-1963	Bridgeford
APR 22 2002	2	US 3,732,306		05-08-1973	Gutman et al.
PATENT & TRADEMARK OFFICE	3	US 4,026,831		05-31-1977	Moriya et al.
TC	4	US 4,032,482		06-28-1977	Moriya et al.
APR 22 2002	5	US 4,093,567		06-06-1978	Hurwitz et al.
TC	6	US 4,100,149		07-11-1978	Meiller et al.
APR 22 2002	7	US 4,186,086		01-29-1980	Ward
TC	8	US 4,189,539		02-19-1980	Ward
APR 22 2002	9	US 4,191,814		03-04-1980	Amick
TC	10	US 4,273,878		06-16-1981	Amick
APR 22 2002	11	US 4,337,185		06-29-1982	Wessling et al.
TC	12	US 4,560,704		12-24-1985	Regnier et al.
APR 22 2002	13	US 4,859,462		08-22-1989	Chow et al.
TC	14	US 5,648,400		07-15-1997	Sugo et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)			

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
TC	1	TSUNEDA, S. et al., "Protein Adsorption Characteristics of Porous and Tentacle Anion-Exchange Membrane Prepared by Radiation-Induced Graft Polymerization", Radiat. Phys. Chem. Vol. 46, No. 2, 1995, pp. 239-245.	
TC	2	SASAGAWA, N. et al., "Ionic Crosslinking of SO ₃ H-Group-Containing Graft Chains Helps to Capture Lysozyme in a Permeation Mode"; Journal of Chromatography A, 848, 1999, pp. 161-168.	
TC	3	ITO, Y. et al., "Oxidoreduction-Sensitive Control of Water Permeation Through a Polymer Brushes-Grafted Porous Membrane", Macromolecules, Vol. 30, No. 19, 1997, pp. 5856-5859	

Examiner Signature

R. H. Hart

Date Considered

12-8-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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